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I hereby certify under 37 C.F.R. § 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Elvis De La Cruz

Printed name of person mailing correspondence

Signature of person mailing correspondence

Substitute Form PTO 1390 U.S. Department of Commerce Patent and Trademark Office

Attorney Docket Number:

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. § 371

50488/002001

U.S. Application Number:

INTERNATIONAL APPLICATION NUMBER

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

PCT/CA2005/000345

March 4, 2005

March 4, 2004

TITLE OF INVENTION:

Method of Proliferating Precursor Cells

APPLICANTS FOR DO/EO/US:

Susan Oriole Meakin and Kathryn Elizabeth Volkening

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. § 371(f)).
4. ☒ The U.S. has been elected.
5. A copy of the International Application (35 U.S.C. § 371(c)(2)).  
☒ a. is transmitted herewith (required only if not transmitted by the International Bureau).  
☐ b. has been transmitted by the International Bureau.  
☐ c. is not required, as the application was filed with the United States Receiving Office (RO/US).
6. An English language translation of the International Application into English (35 U.S.C. § 371(c)(2)).  
☐ a. is transmitted herewith.  
☐ b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)).  
☒ a. are transmitted herewith (required only if not transmitted by the International Bureau).  
☐ b. have been transmitted by the International Bureau.  
☐ c. have not been made; however, the time limit for making such amendments has NOT expired.  
☐ d. have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).
9. ☐ An oath or declaration of the inventors (35 U.S.C. § 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371 (c)(5)).
11. ☐ An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98.
12. ☐ An assignment for recording. A separate cover sheet in compliance with 37 C.F.R. §§ 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A power of attorney and/or change of address letter.
16. ☐ Request for Deferred Examination.
17. ☐ Application Data Sheet.
18. ☒ Other items or information: WO 2005/084691 - republished claims; Search Report; Written Opinion
19. ☒ The following fees are submitted:

Basic National Stage Fee: \$300

\$300

National Stage Search Fee

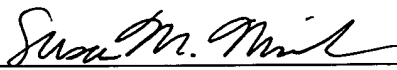
\$400

If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4): \$0

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Search fee (37 C.F.R. § 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Authority: \$100  International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB: \$400  All other situations: \$500					
National Stage Examination Fee  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4): \$0  All other situations: \$200				\$200	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 C.F.R. § 1.492(h)).				\$130	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	36 - 20 =	16	x \$50	\$800	
Independent claims	3 - 3 =	0	x \$200	\$0	
Multiple dependent claims (if applicable)			+ \$360	\$0	
Application Size Fee: Additional fee for specification and drawings in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
TOTAL SHEETS	EXTRA SHEETS	Number of each additional 50 sheets or fraction thereof (round up to a whole number)	RATE		
-100=	/50=		X\$250	\$0	
TOTAL OF ABOVE CALCULATIONS =				\$1830	
Reduction of 1/2 for filing by small entity, if applicable. Applicant claims small entity status under 37 C.F.R. § 1.27				\$915	
SUBTOTAL =				\$915	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(f)).				+	\$0
TOTAL NATIONAL FEE =				\$915	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property.				+	\$0
TOTAL FEES ENCLOSED =				\$915	
				Amount to be refunded	\$
				charged	\$
<input checked="" type="checkbox"/> a. Enclosed is a check for \$915 to cover the total fees. <input checked="" type="checkbox"/> b. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 03-2095.					
NOTE: Where an appropriate time limit under 37 C.F.R. §§ 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Susan M. Michaud, Ph.D. Clark & Elbing LLP 101 Federal Street Boston, MA 02110-2214				Telephone: 617-428-0200 Facsimile: 617-428-7045 Customer No.: 21559  <div style="text-align: center;">   <hr style="width: 100%;"/>         Signature          Susan M. Michaud, Ph.D.          Reg. No. 42,885       </div>	